Inquadramento delle foreste di RESILFOR

Marche e Toscana

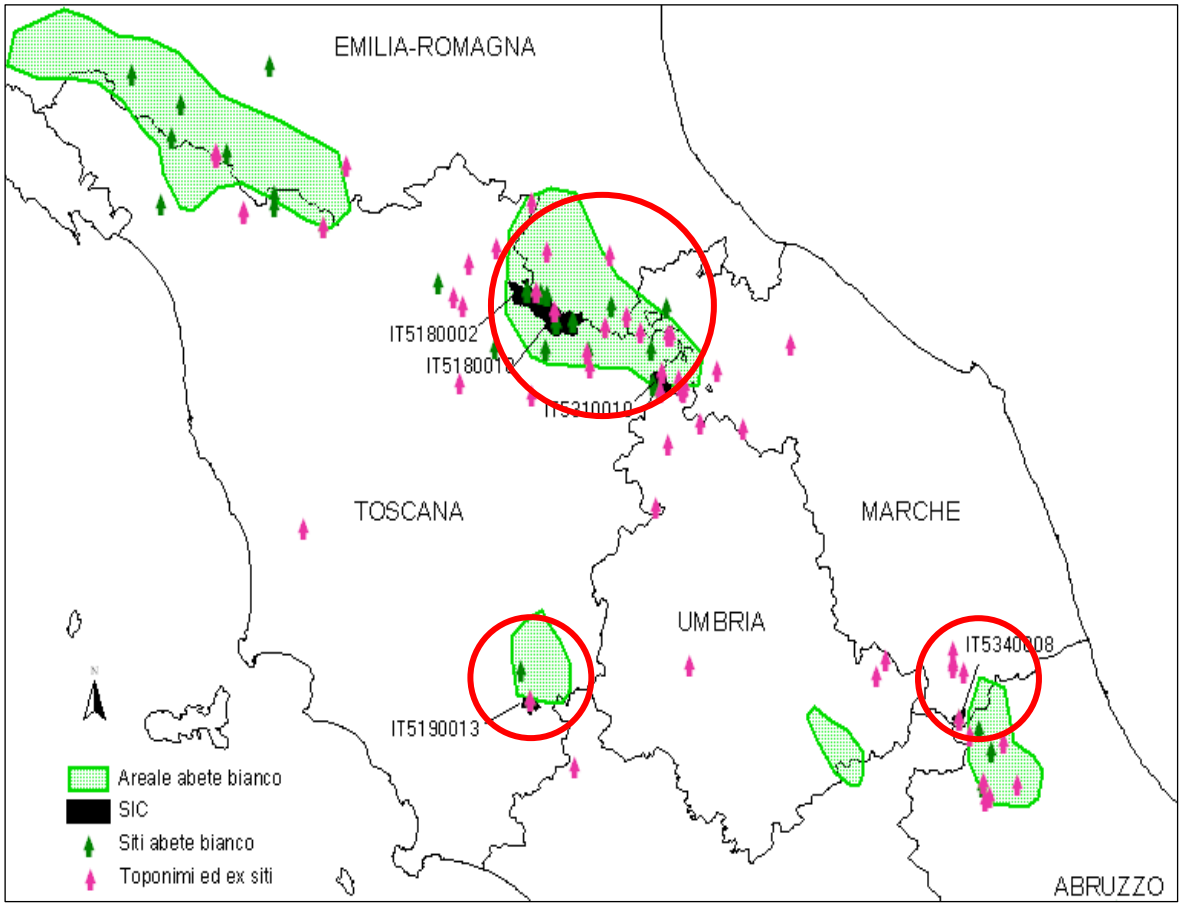
Gallucci V. [1], Manetti MC.[2], Mazza GL.[2],Urbinati C.[1]

1 - D3A - UNIVPM – Ancona

2 – CRA - Arezzo

Siti del progetto

Abete bianco ieri e oggi



Areale attuale di ***Abies alba***

Siti con ***Abies alba***

Toponimi ***Abies alba***

Siti d'indagine

Fonte: Euforgen e Portale Cartografico Nazionale

Caratteri stazionali delle abetine

Sito (Codice)	Lat N Long E	Quota (m asl)	Pendenza (%)	Esposiz.	Assetto cenosi	Struttura verticale
Fonte Abeti (FAB)	43° 36‘ 12° 14‘	1000	60-90	SE	pura coetaneiforme	Monoplana
Colle Abete (CAB)	42° 43‘ 13° 22'	1350	60	NW	con faggio irregolare	Biplana
Pigelleto (PGL)	42° 48‘ 11° 39‘	770	15-30	E	mista irregolare	Stratificata
Verna (VRN)	43° 42‘ 11° 55‘	1160	30	SE	mista irregolare	Stratificata
Camaldoli (CAM)	43° 47‘ 11° 49‘	1120	10-15	W	pura coetaneiforme	Monoplana

Marche

Toscana

Inquadramento delle foreste di RESILFOR

Marche: Bocca Trabaria (PU) e Valle della Corte (AP)

A cura di

Carlo Urbinati e Valeria Gallucci

Dip.to Scienze Agrarie, Alimentari e Ambientali

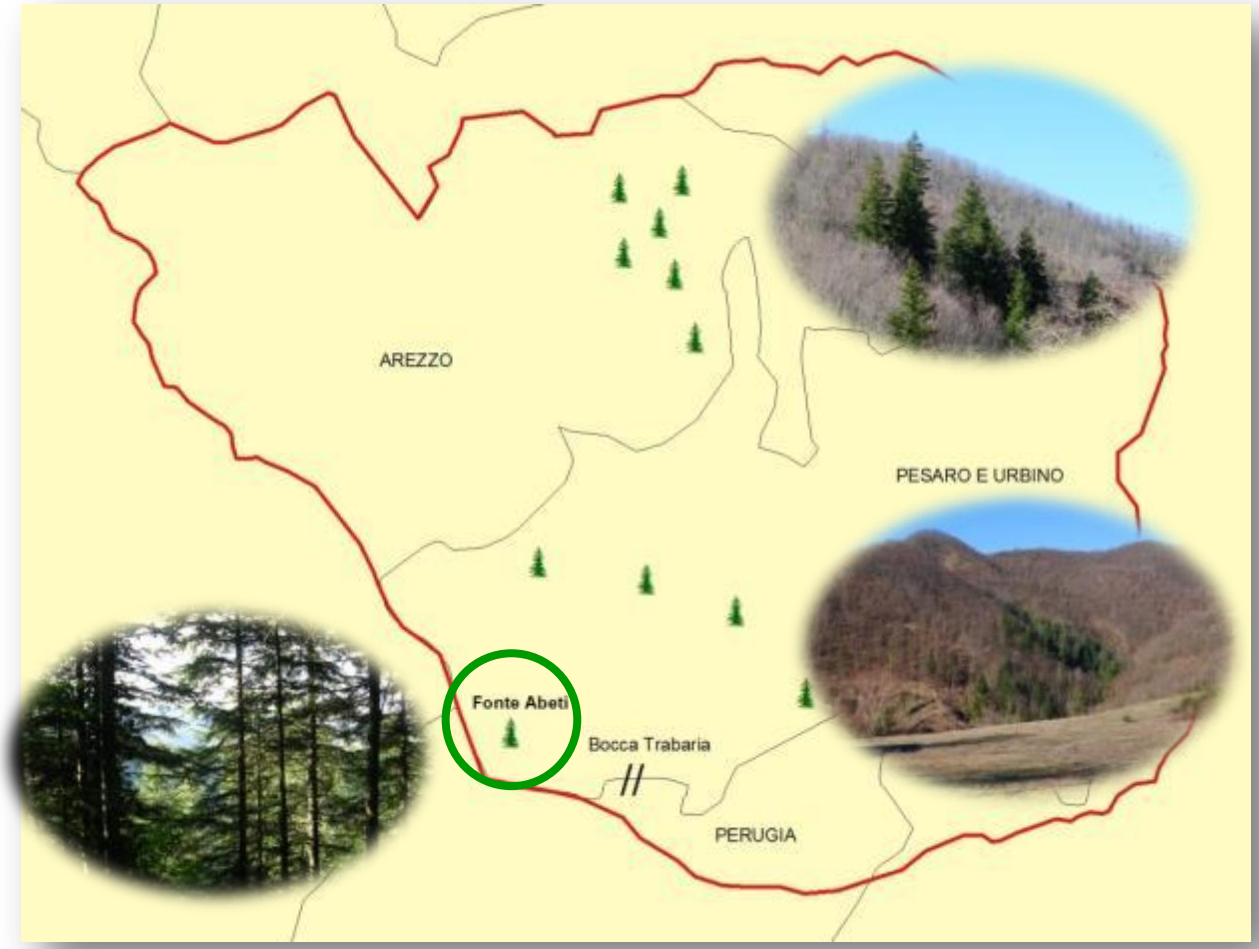
Area Sistemi Forestali – TreeringLab - UNIVPM - Ancona

I siti delle Marche

Fonte Abeti
3 ads

Colle dell'Abete
2 ads

L’abete bianco della Massa Trabaria



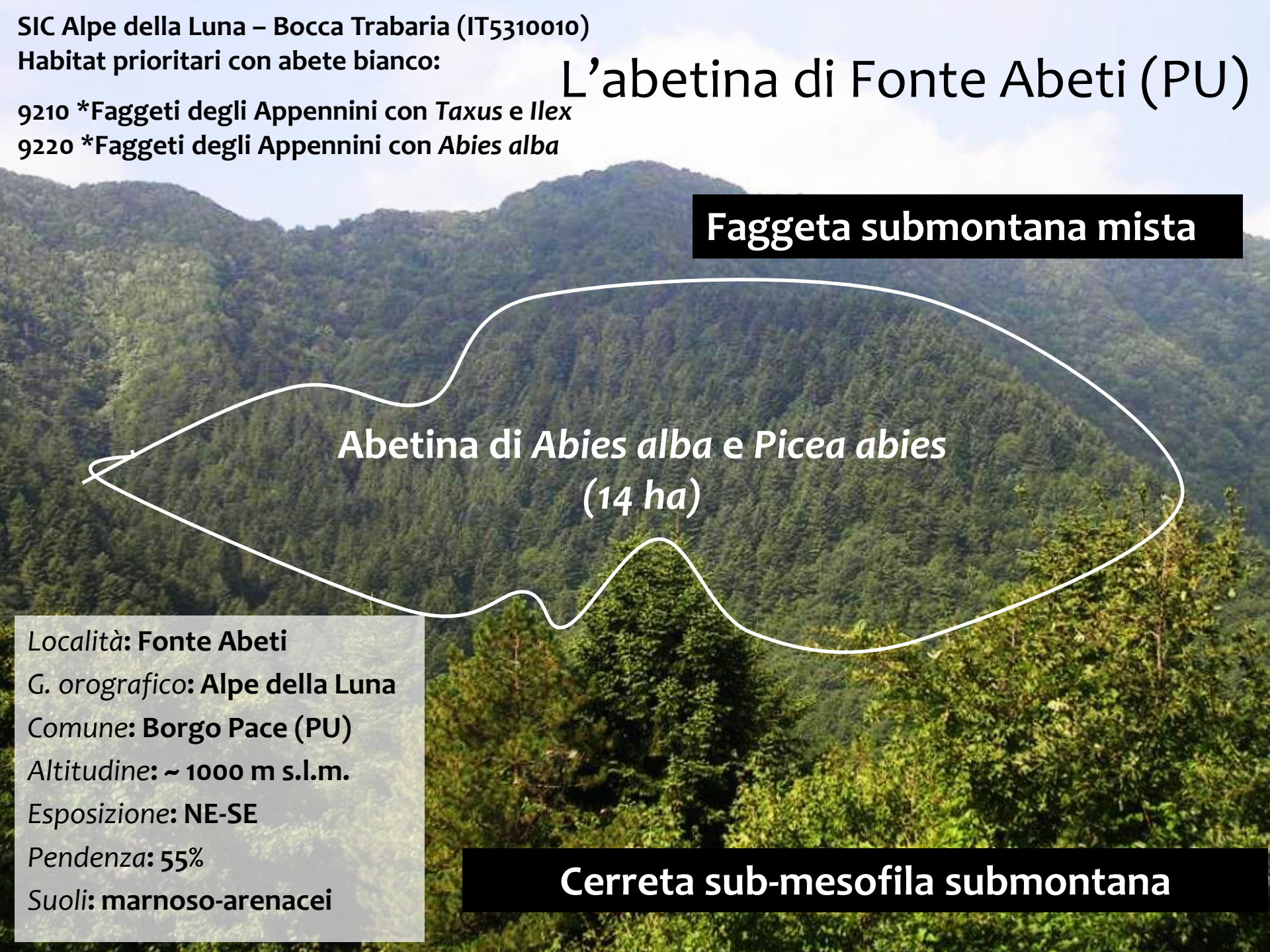
Provincia pontificia (XIII – XV sec.) di oltre 50.000 ettari, sottoposta al “*servitium trabium*”.

Tronchi di abete fluitati lungo il Tevere a Roma, siglati A.U.F (“*Ad Usum Fabricae*”) e destinati all' uso nella fabbrica vaticana.

SIC Alpe della Luna – Bocca Trabaria (IT5310010)
Habitat prioritari con abete bianco:

9210 *Faggeti degli Appennini con *Taxus* e *Ilex*
9220 *Faggeti degli Appennini con *Abies alba*

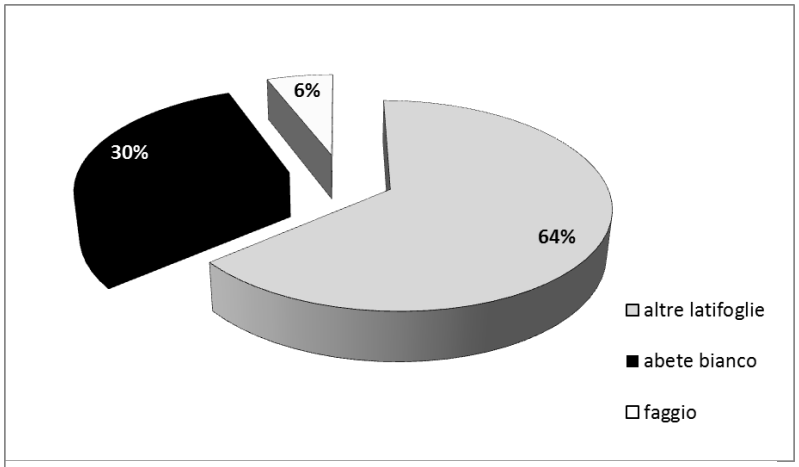
L'abetina di Fonte Abeti (PU)

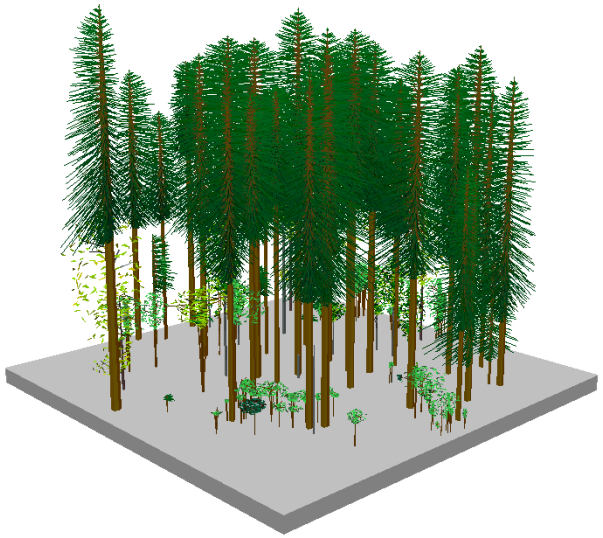


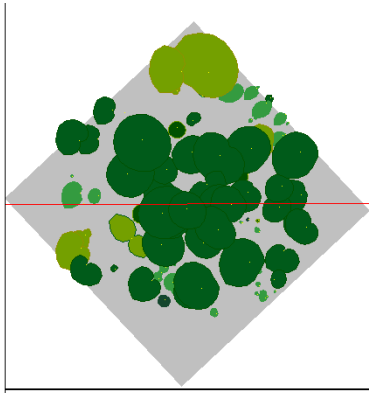
Località: **Fonte Abeti**
G. orografico: **Alpe della Luna**
Comune: **Borgo Pace (PU)**
Altitudine: **~ 1000 m s.l.m.**
Esposizione: **NE-SE**
Pendenza: **55%**
Suoli: **marnoso-arenacei**

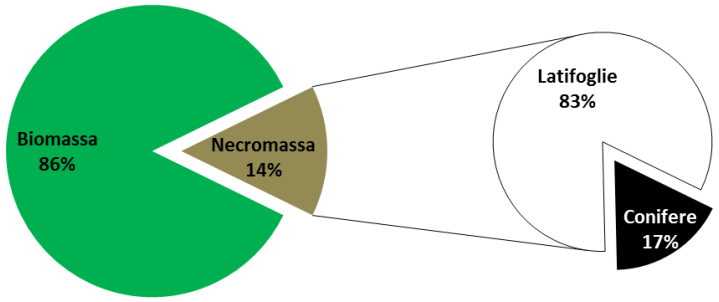
Assetto strutturale delle cenosi

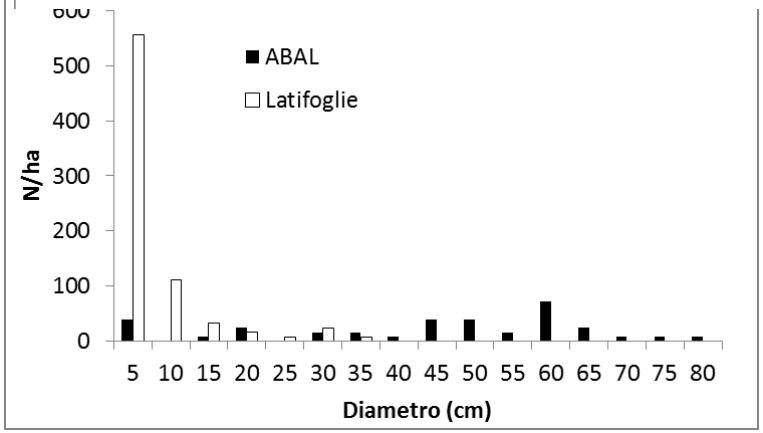
Fonte Abeti – Ads 1





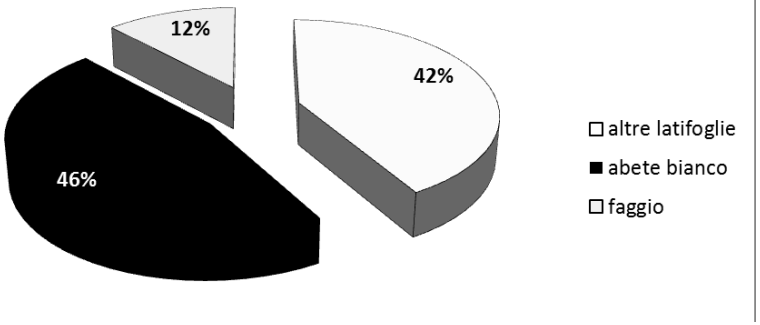


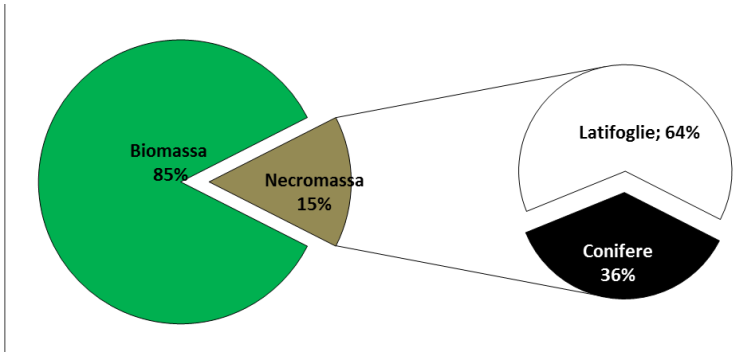


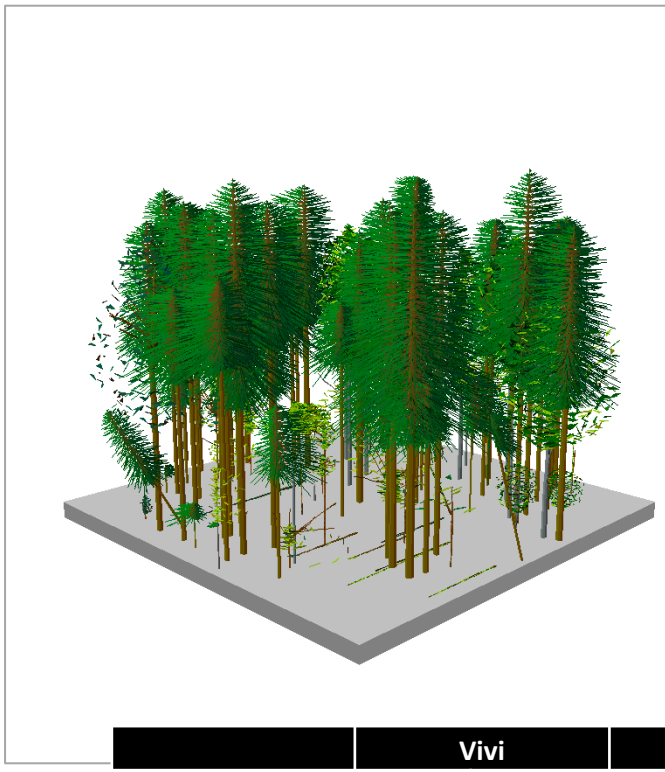


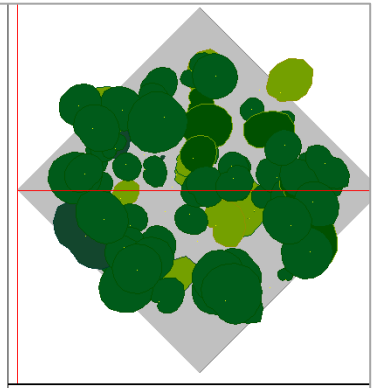
	Vivi			Morti	
	Abete	Latifoglie	Totale	Abete	Latifoglie
N/ha	326	756	1082	32	151
G/ha (m^2/ha)	61	5	66	0.477	0.255
V/ha (m^3/ha)	812	33	845	1.11	0.77
dg (cm)	48.9	9.3		13.82	4.6
h med (m)	27.8	7.7			
h dom (m)	33.8	18.3			
N polloni/ha		310			
N ceppaie/ha		143			
N polloni/ceppaia		2.17			
Età media	78				
Età max	119				

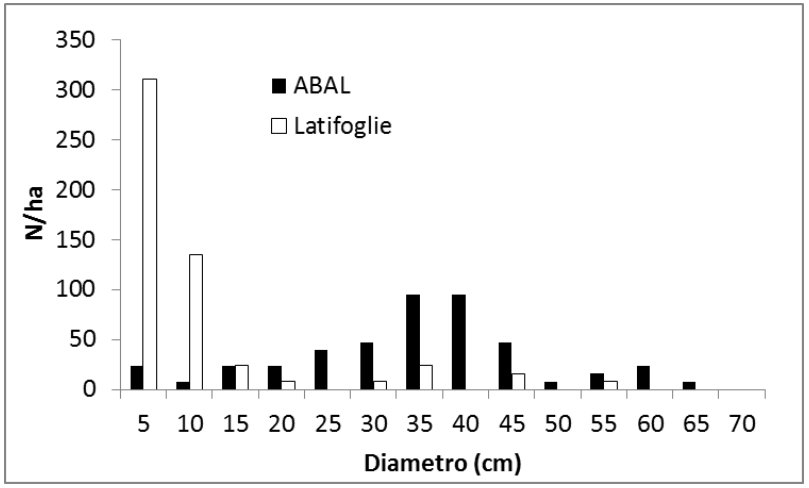
Fonte Abeti – Ads 2





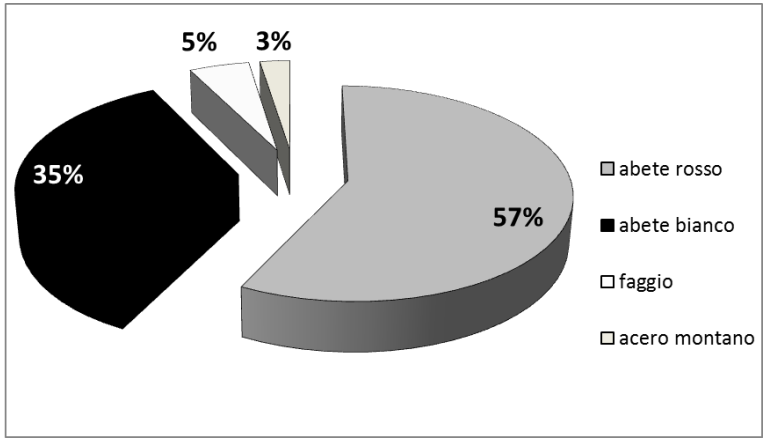


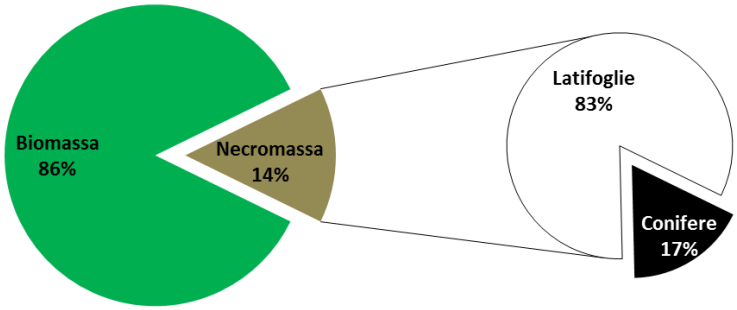


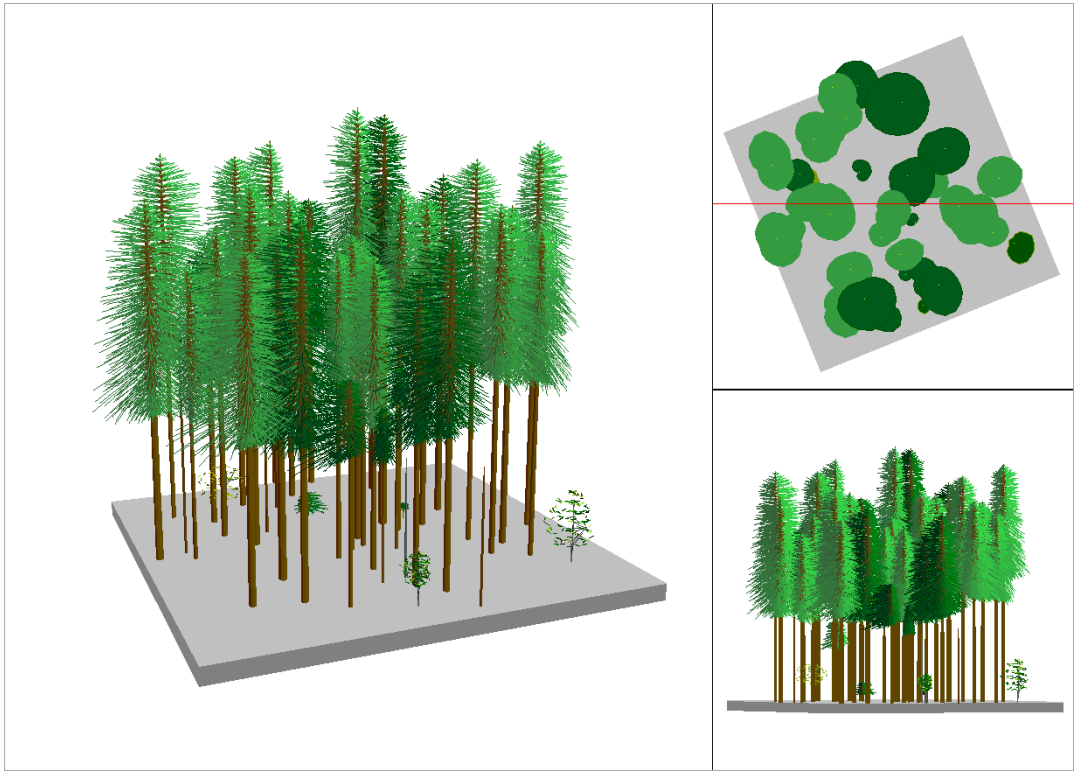


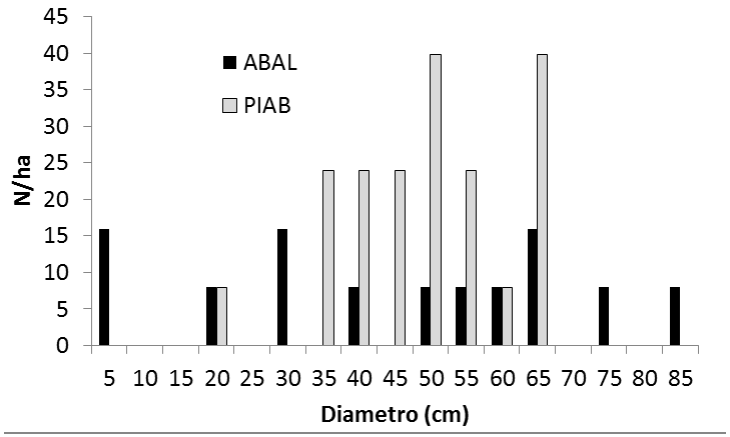
	Vivi			Morti	
	Abete	Latifoglie	Totale	Abete	Latifoglie
N/ha	462	541	1003	64	111
G/ha (m^2/ha)	50	9	59	0.22	0.64
V/ha (m^3/ha)	618	102	720	10.82	1.35
dg (cm)	37.1	14.7		18.7	8.53
h med (m)	24.8	11.5			
h dom (m)	30.4	24.9			
N polloni/ha		406			
N ceppaie/ha		127			
N polloni/ceppaia		3.2			
Età media	72				
Età max	93				

Fonte Abeti – Ads 3









	Vivi			Morti	
	Abete bianco	Abete rosso	Totale	Abete bianco	Abete rosso
N/ha	103	207	310	8	16
G/ha (m^2/ha)	21	38	59	0.14	0.43
V/ha (m^3/ha)	286	524	810	0.83	2.98
dg (cm)	50.4	48.6		15	19
h med (m)	28.1	31.1			
h dom (m)	34.8	37.3			
Età media	73	76			
Età max	91	87			

Principali criticità a Fonte Abeti (PU)

Struttura squilibrata

Produzione limitata di seme

Scarsa rinnovazione e pre-rinovazione

Brucatura ungulati

Presenza di patogeni

L’abetina di Colle dell’Abete

Parco Nazionale Gran Sasso e Monti della Laga
SIC “Valle della Corte” (IT5340008)
Habitat prioritari con abete bianco:

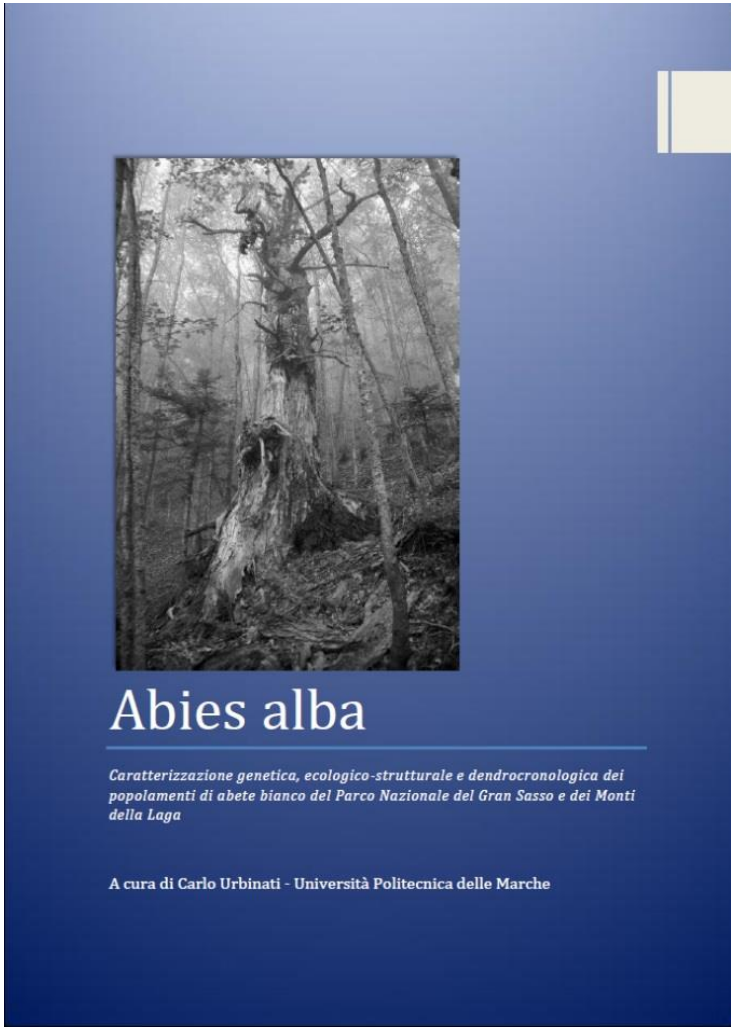
9210 *Faggeti degli Appennini con *Taxus* e *Ilex*
9220 *Faggeti degli Appennini con *Abies alba*

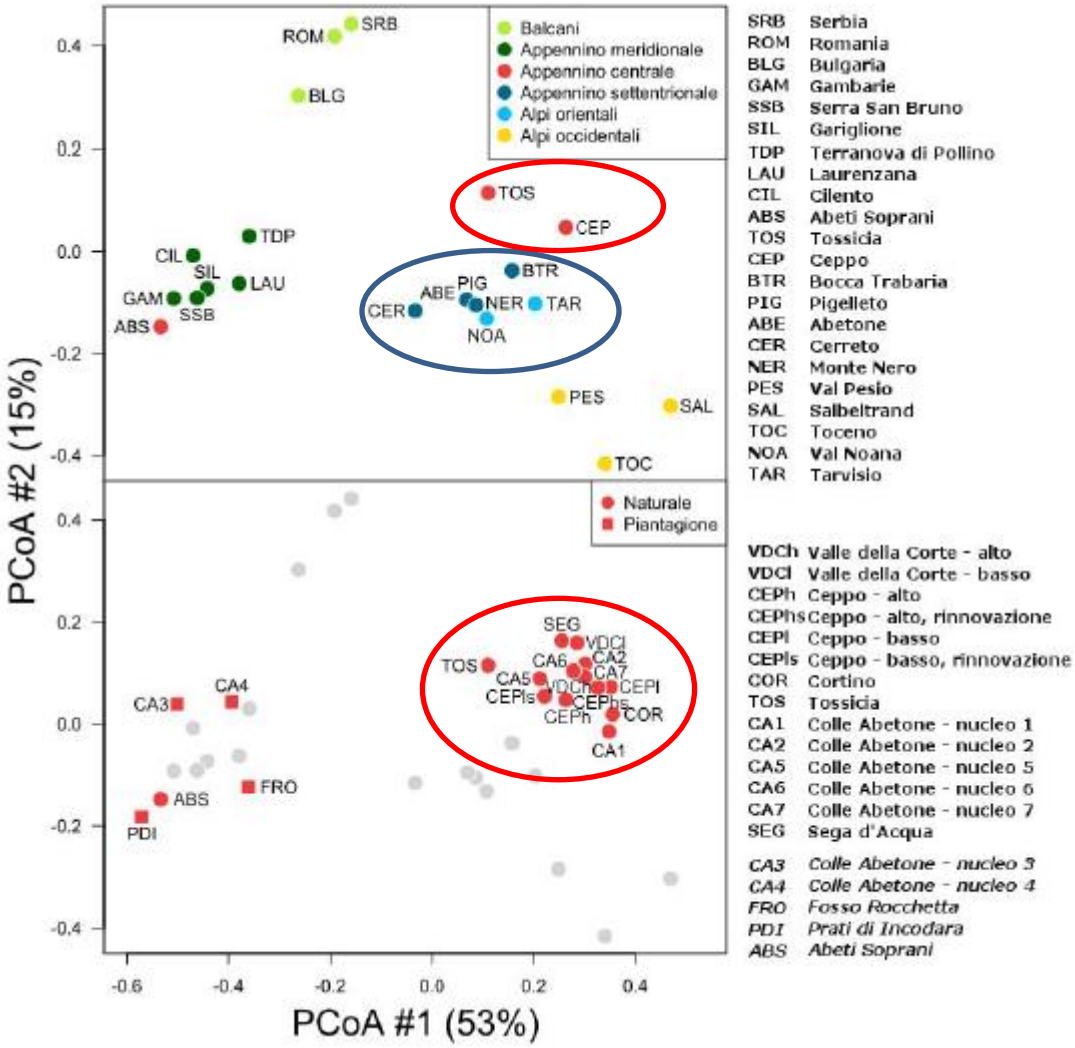
Macera della Morte,
2073 m slm

Località: **Colle dell’Abete**
G. orografico: **Monti della Laga**
Comune: **Acquasanta (AP)**
Altitudine: **1400 m s.l.m.**
Esposizione: **NW**
Pendenza: **60%**
Suoli: **arenacei**

Faggete acidofile e mesoneutrofile

Le abetine dei Monti della Laga

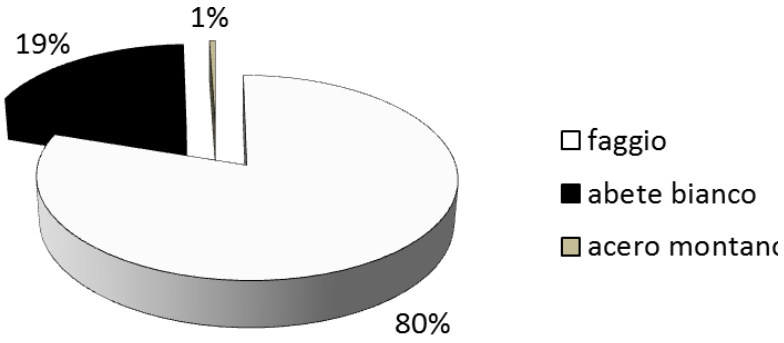


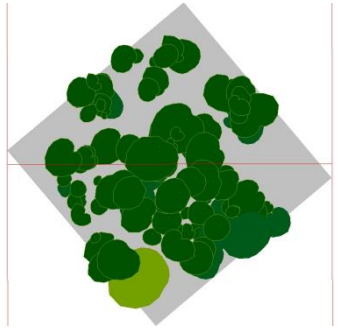


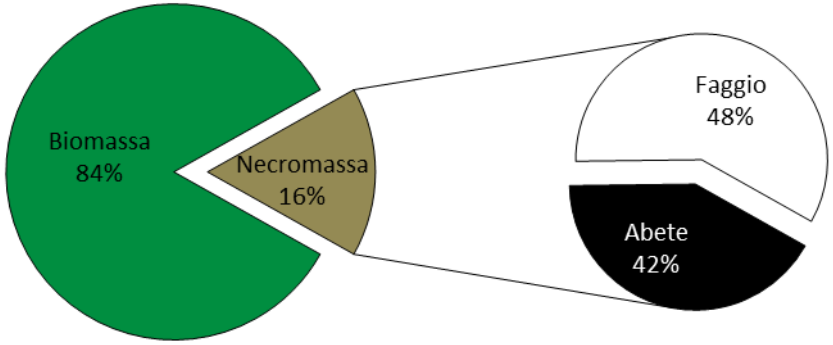
UNIVPM – CNR - PNGSML

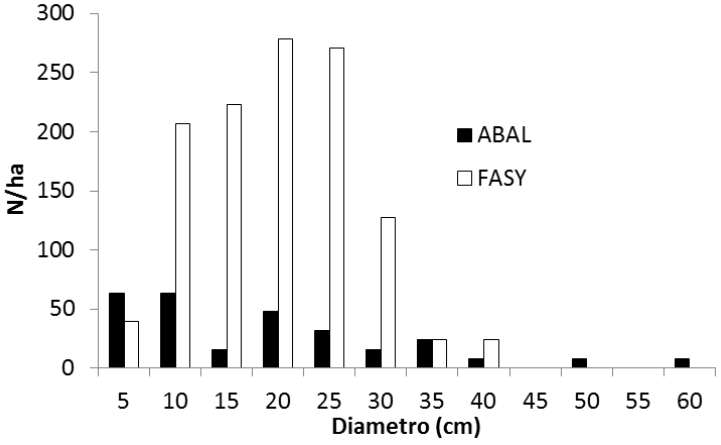
Assetto strutturale delle cenosi

Valle della Corte – Ads 1



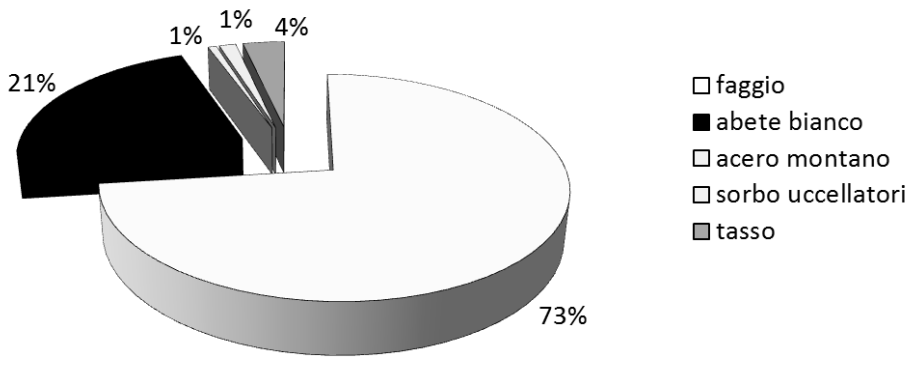


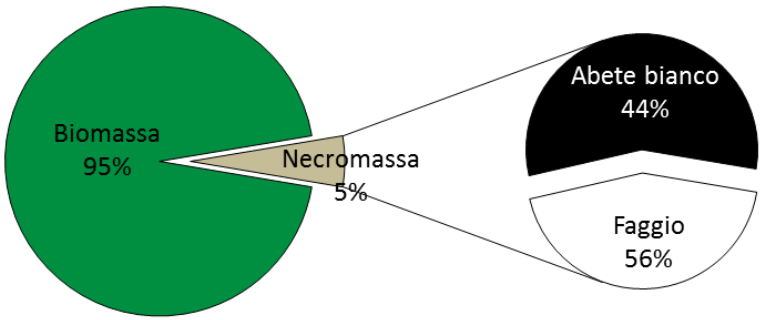


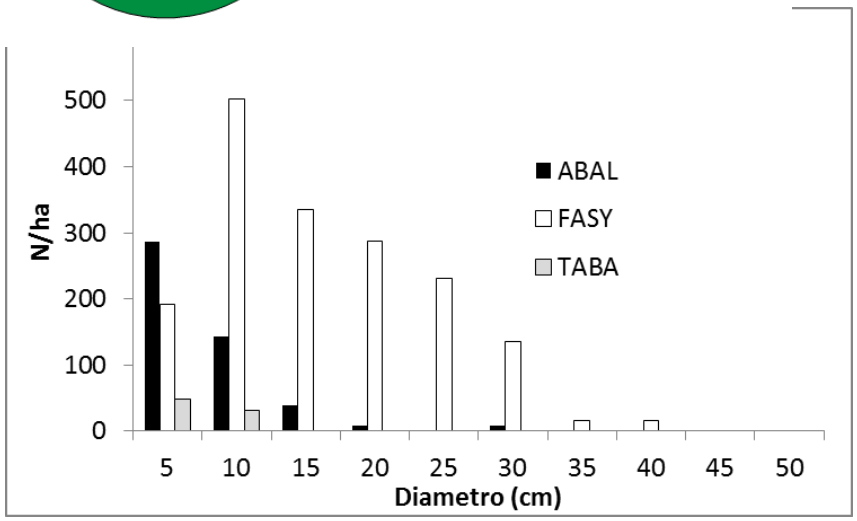


	Vivi			Morti	
	Abete bianco	Faggio	Totale	Abete bianco	Faggio
N/ha	286	1194	1480	119	167
G/ha (m^2/ha)	12	42	54	5.51	2.96
V/ha (m^3/ha)	92	450	542	43.65	18.81
dg (cm)	23	21		24.24	15.02
h med (m)	11.7	19.8			
h dom (m)	19.2	24.6			
N polloni/ha		772			
N ceppaie/ha		342			
N polloni/ceppaia		2.26			
Età media	62	65			
Età max	80	77			

Valle della Corte – Ads 2







	Vivi			Morti	
	Abete bianco	Faggio	Totale	Abete bianco	Faggio
N/ha	485	1790	2275	56	72
G/ha (m^2/ha)	3	44	47	0.18	0.16
V/ha (m^3/ha)	14	460	474	0.52	0.88
dg (cm)	9.0	17.7		6.33	5.32
hg (m)	5.6	16.8		56	72
h dom (m)	12.0	23.9		0.18	
N polloni/ha		1401			
N ceppaie/ha		390			
N polloni/ceppaia		3.59			
Età media	57	65			
Età max	83	75			

Principali criticità a Colle dell'Abete (PU)

Squilibri strutturali

Assenza di disseminatori

Eccessiva copertura del faggio

Assenza rinnovazione

Deperimento

Ringraziamenti a:
Giulio Ciccalé (Regione Marche)
Silvano Elisei (ASSAM Marche)
Daniele Di Santo (PNGSML)
Luca Bagnara (CFS Ascoli Piceno)
Alma Piermattei e Francesco Renzaglia (UNIVPM)
Emidia Santini (Consorzio Forestale Monti della Laga)